

HV Series Power Supply Units

digimess® concept

CE



The **digimess®** HV series is a range of general purpose switch mode power supply units featuring high output voltages. All models can operate in either constant voltage or constant current modes and feature short circuit protection. Large red LED displays for both voltage and current are included, along with fully shrouded 4mm safety sockets. The switch mode design results in small and light weight units compared to their linear equivalents. All units are supplied with mains leads and operating manuals.

Specification			
Model No	HV10001	HV20001	HV30001
Order No	HUC46-01	HUC46-02	HUC46-03
No of outputs	Single	Single	Single
Output voltage	0-100V	0-200V	0-300V
Output current	0-1A	0-1A	0-1A
Line regulation	CV < 0.02% + 3mV CC < 0.5% + 3mA	CV < 0.02% + 3mV CC < 0.5% + 3mA	CV < 0.02% + 3mV CC < 0.5% + 3mA
Load regulation	CV < 0.01% + 5mV CC < 0.2% + 5mA	CV < 0.02% + 10mV CC < 0.5% + 5mA	CV < 0.02% + 10mV CC < 0.5% + 5mA
Ripple & noise	CV < 10mV rms CC < 60mA rms	CV < 10mV rms CC < 60mA rms	CV < 10mV rms CC < 60mA rms
Display	2 x 3.5 digit LED Accuracy : V- 1.0% + 2 digits I- 2.0% + 2 digits	2 x 3.5 digit LED Accuracy : V- 1.0% + 2 digits I- 2.0% + 2 digits	2 x 3.5 digit LED Accuracy : V- 1.0% + 2 digits I- 2.0% + 2 digits
Input voltage	110/220V +/- 10% AC (external selector switch)		
Dimensions	291 x 158 x 136mm	365 x 265 x 164mm	365 x 265 x 164mm
Weight	4kg	7kg	7kg